

ARTICLE 34

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PATENT CLAIMS (AMENDED):

5 1. A remote controlled toy element for remote control by means of signals from a remote control unit preferably a pocket torch, said toy element comprising

a sensor which can detect the signals,

10 at least one unit which is controlled by a microprocessor in response to a program which is executed by the microprocessor, said program comprising program steps,

15 c h a r a c t e r i z e d in that

the toy element is adapted to determine the temporal occurrences of a user's activations of the remote control unit based on pulse patterns in the detected signals, where two consecutive occurrences are separated by an

20 interval that is longer than the response time of a human being; and

25 to control the unit by selecting a program step in response to information in the temporal occurrences of a user's activations of the remote control unit.

30 2. A remote controlled toy element according to claim 1, c h a r a c t e r i z e d in that the toy element is adapted to respond to pulses of light.

35 3. A remote controlled toy element according to claim 1, c h a r a c t e r i z e d in that the apparatus is adapted to respond to pulses of visible light.

4. A remote controlled toy element according to claim 1, characterized in that the apparatus is adapted to response to sound pulses.

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5. A remote controlled toy element according to claim 1, characterized in that said intervals are longer than 100 milliseconds, 200 milliseconds or 300 milliseconds.

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6. A remote controlled toy element according to claim 1, characterized in that said intervals are longer than the smallest intervals which a human being can produce by an oscillating movement of a part of the body.

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7. A remote controlled toy element according to claim 1 and having at least two different functions which are selected by means of signals from a remote control unit, wherein toy elements, after a received signal for selection of function, are adapted to emit a signal which depends on the received signal.

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8. A remote controlled toy element according to claim 7, characterized in that the emitted signal is an acoustic signal.

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9. A remote controlled toy element according to claim 7, characterized in that the emitted signal is an optical signal.

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10. A remote controlled toy element according to claim 7, characterized in that the signal is emitted before the selected function is carried out.

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11. A remot controlled toy element according to claim
7, c h a r a c t e r i z e d in that the apparatus is
adapted to compare a signal received from the remote con-
5 trol unit with a plurality of expected signals, and to
emit a first signal in the event that the received signal
matches one of the expected signals, and to emit a second
signal in the event that the received signal does not
match any of the expected signals.

10 12. A remote controlled toy according to any one of
claims 1 through 11, characterized in further comprising:

a receiver for reception of instructions for programming
the toy as well as means for execution of received
15 instructions, wherein the toy has a transmitter for
transmission of instructions to a second toy.

20 13. A toy according to claim 12, c h a r a c t e r -
i z e d in that its receiver is adapted for wireless re-
ception of instructions.

25 14. A toy according to claim 12, c h a r a c t e r -
i z e d in that its receiver is adapted for reception of
infrared signals.

15. A toy according to claim 12, c h a r a c t e r -
i z e d in that its receiver is adapted for reception of
visible light.

30 16. A toy according to claim 12, c h a r a c t e r -
i z e d in that its receiver comprises a keyboard for
manual input of instructions.

35 17. A toy according to claim 12, c h a r a c t e r -
i z e d in that its transmitter is adapted for wireless
transmission of instructions to the second toy.

18. A toy according to claim 17, c h a r a c t e r -
i z e d in that its transmitter is adapted for transmis-
sion of infrared signals.

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19. A toy according to claim 16, c h a r a c t e r -
i z e d in that, via the keyboard, it is adapted to re-
ceive a program comprising at least two instructions for
transmission to the second programmable toy.

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[illegible]